

SEQUENCE LISTING

<110> CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS

<120> Method of calibration of reverse transcription using a synthetic messenger RNA (smRNA)

<130> D21194

<150> EP 03/290 958

<151> 2003-04-17

<160> 18

<170> PatentIn version 3.2

<210> 1

<211> 161

<212> RNA

<213> Artificial

<220>

<223> Synthetic poly A mRNA #1

<400> 1

gggcgaaauug	ggccccgacgu	cgggacaaga	agguggaaga	cgucaugcuc	cgggccgcca	60
uggcgggccgc	gggaauucga	uuucuucgac	ucacugcaga	cuacugaugg	aaugacguag	120
uacgaauacu	cgacuggucu	caacaugaaa	aaaaaaaaaa	a		161

<210> 2

<211> 161

<212> RNA

<213> Artificial

<220>

<223> Synthetic poly A mRNA #2

<400> 2

uaauacgacu	cacuauaggg	cgggacaaga	agguggaaga	cgucaugcuc	cgggccgcca	60
uggcgggccgc	gggaauucga	uuucuucgac	ucacugcaga	cuacugaugg	aaugacguag	120
uacgaauacu	cgacuggucu	caacaugaaa	aaaaaaaaaa	a		161

<210> 3

<211> 161

<212> DNA

<213> Artificial

<220>

<223> Synthetic cDNA #1

<400> 3

gggcggaattg	ggccccgacgt	cgggacaaga	aggtggaaga	cgatcatgctc	cgggccgcca	60
tggcgggccgc	gggaattcga	tttcttcgac	tcactgcaga	ctactgatgg	aatgacgtag	120
tacgaatact	cgactggtct	caacatgaaa	aaaaaaaaaa	a		161

<210> 4

<211> 161

<212> DNA
<213> Artificial

<220>
<223> Synthetic cDNA #2

<400> 4
taatacgact cactataggg cgggacaaga aggtggaaga cgtcatgctc ccggccgcca 60
tggcggccgc gggaattcga tttcttcgac tcaactgcaga ctactgatgg aatgacgtag 120
tacgaatact cgactggtct caacatgaaa aaaaaaaaaa a 161

<210> 5
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Primer III forward

<400> 5
cgggacaaga aggtggaag 19

<210> 6
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Primer III reverse

<400> 6
agtctgcagt gagtcgaaga aa 22

<210> 7
<211> 182
<212> DNA
<213> Artificial

<220>
<223> Sequence of the DNA probe "DNAΣ"

<400> 7
taatacgact cactataggg cgggacaaga aggtggaaga cgtcatgctc ccggccgcca 60
tggcggccgc gggaattcga tttcttcgac tcaactgcaga ctactgatgg aatgacgtag 120
tacgaatact cgactggtct caacatgaaa aaaaaaaaaa acgcattcaa cctgtctgac 180
ta 182

<210> 8
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Sequence of the T7 promoter

<400> 8
taatacgact cactataggg 20

<210> 9
<211> 27
<212> DNA
<213> Artificial

<220>
<223> 27 pb insert

<400> 9
cgggacaaga aggtggaaga cgatcatg

27

<210> 10
<211> 34
<212> DNA
<213> Artificial

<220>
<223> 34 bp from pGEM®-T Easy sequence

<400> 10
ctcccggccg ccatggcggc cgcgggaatt cgat

34

<210> 11
<211> 101
<212> DNA
<213> Artificial

<220>
<223> 101 bp insert

<400> 11
ttcttcgact cactgcagac tactgatgga atgacgtagt acgaatactc gactgggtctc
aacatgaaaa aaaaaaaaaa cgcattcaac ctgtctgact a

60
101

<210> 12
<211> 39
<212> DNA
<213> Artificial

<220>
<223> Forward primer A containing the T7 promoter

<400> 12
taatacgact cactataggg cgggacaaga aggtggaag

39

<210> 13
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Reverse primer A

<400> 13
tagtcagaca gggttgatgc g

21

<210> 14
<211> 82
<212> DNA
<213> Artificial

<220>
<223> Amplified fragment from both synthetic cDNA #1 and cDNA #2 with
primer pair III

<400> 14
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tttcttcgac tcaactgcaga ct 82

<210> 15
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Pair I: primer forward

<400> 15
aattgggccc gacgtcgcat 20

<210> 16
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Pair I: primer reverse

<400> 16
catgttgaga ccagtcgagt 20

<210> 17
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Pair II: primer forward

<400> 17
cgggacaaga aggtggaag 19

<210> 18
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Pair II: primer reverse

<400> 18

tcattgttgag accagtcgag

20

1/7

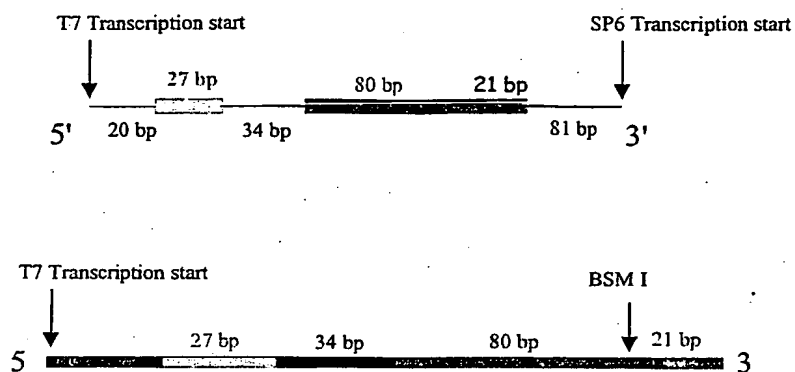


FIGURE 1

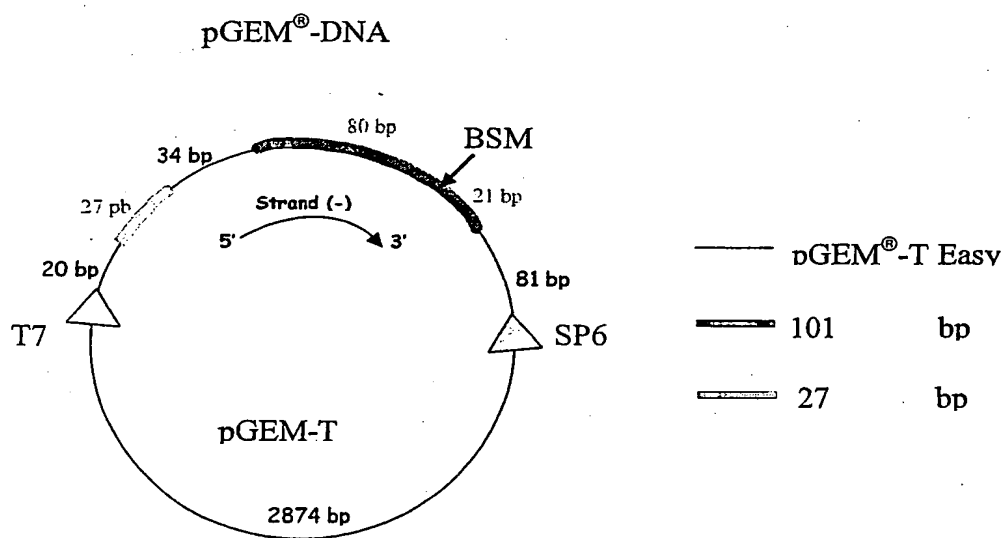


FIGURE 2

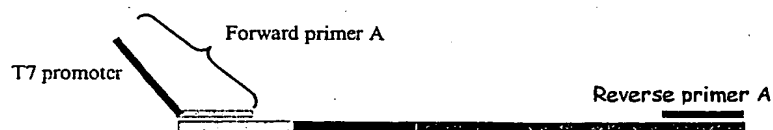


FIGURE 3

2/7

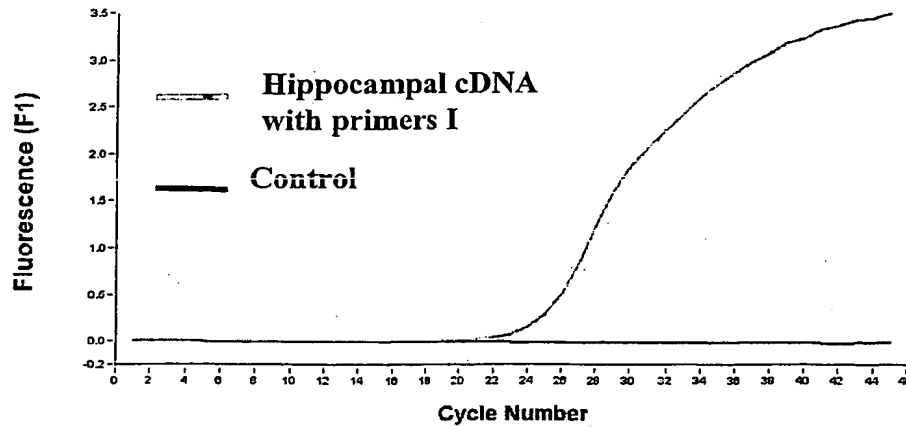


FIGURE 4

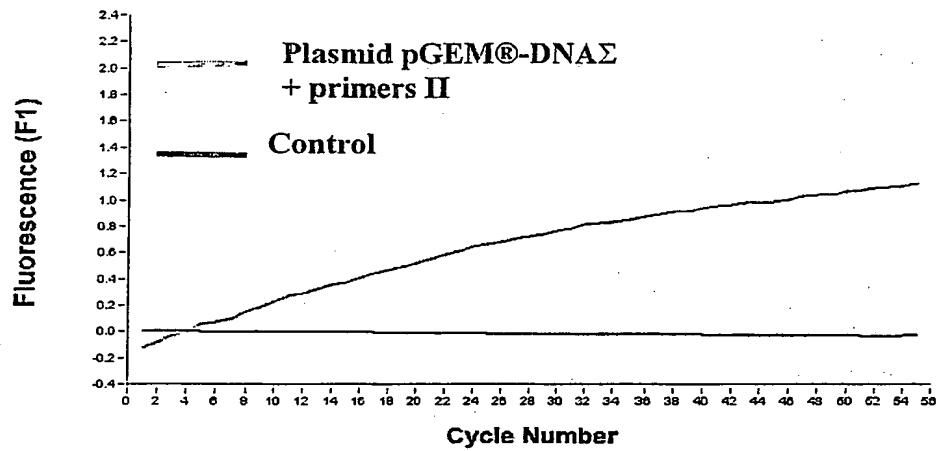


FIGURE 5

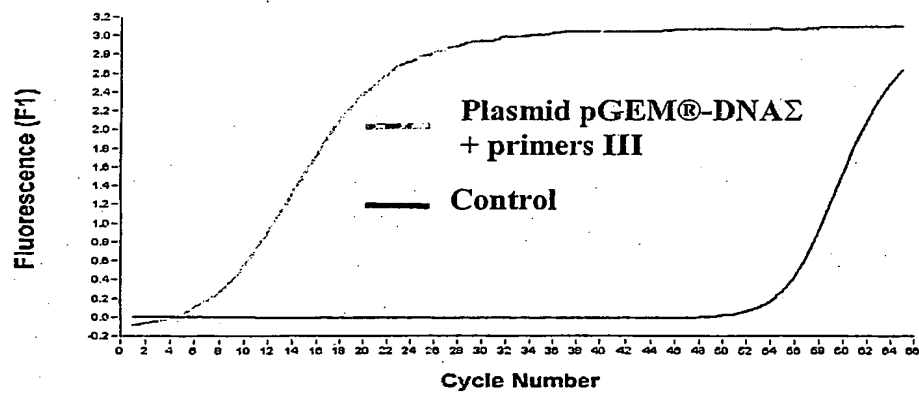


FIGURE 6

3 / 7

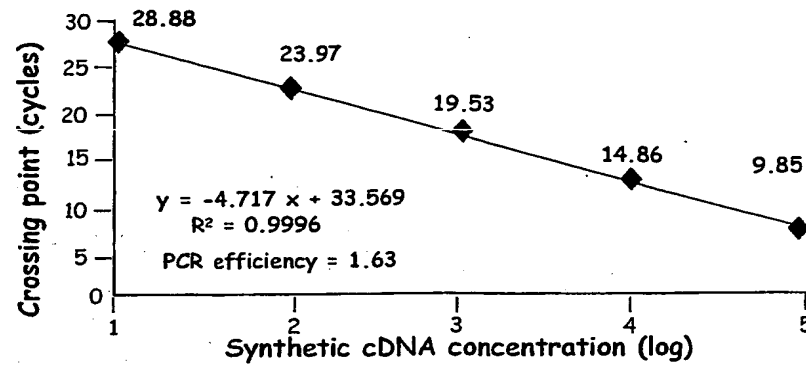


FIGURE 7

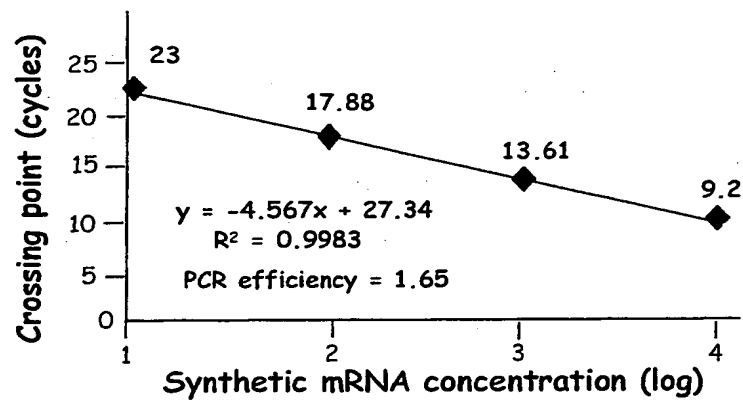


FIGURE 8

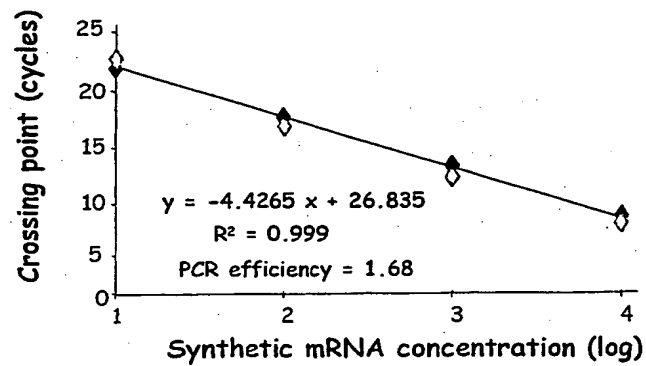


FIGURE 9

4 / 7

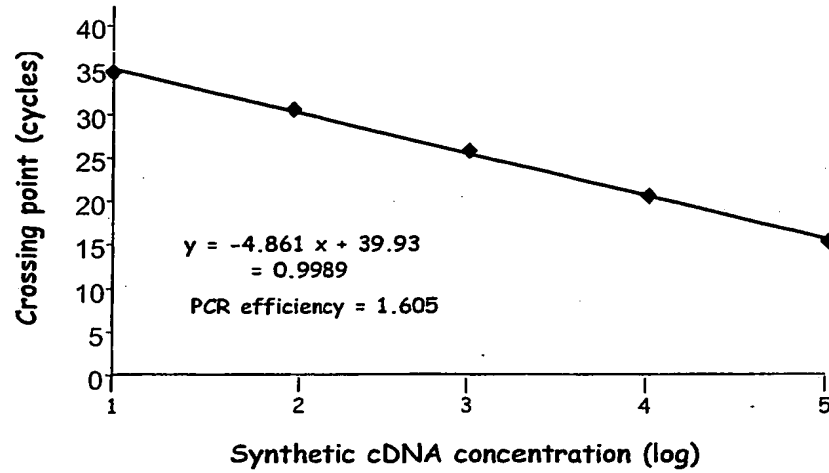


FIGURE 10

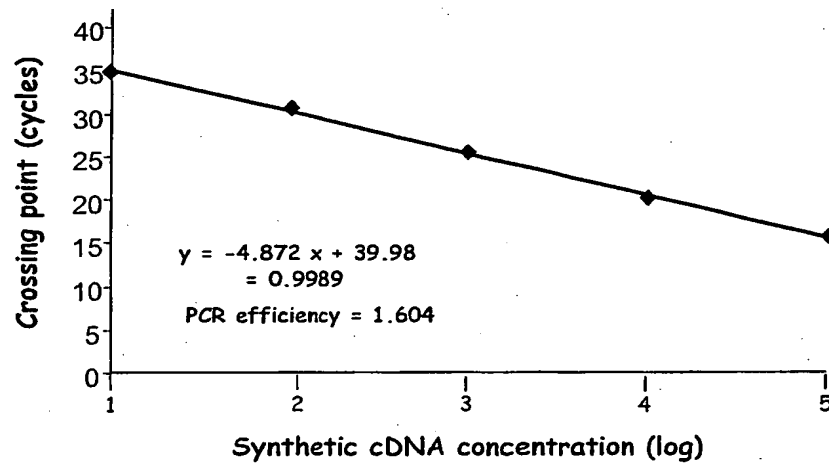


FIGURE 11

5/7

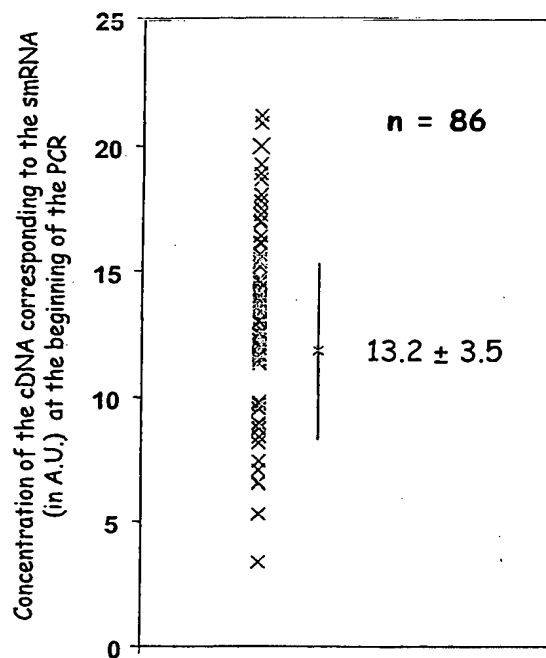


FIGURE 12

FIGURE 13A

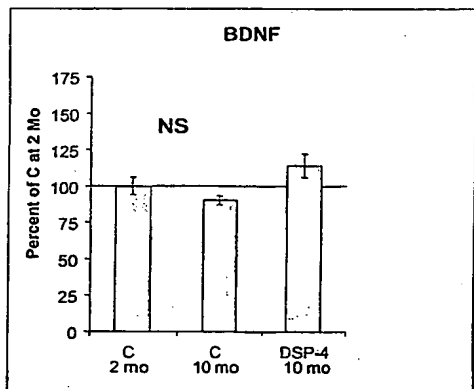


FIGURE 13B

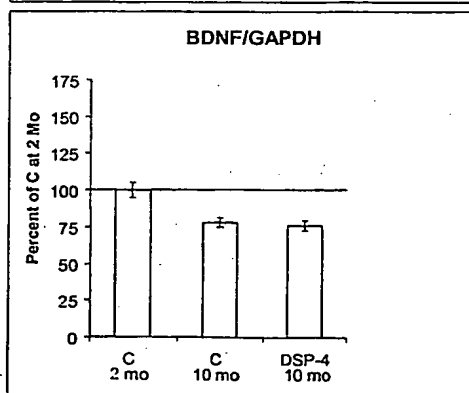
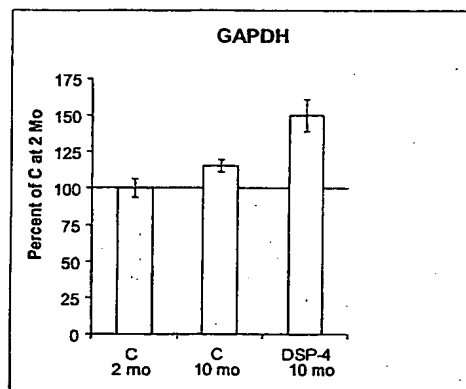


FIGURE 13C

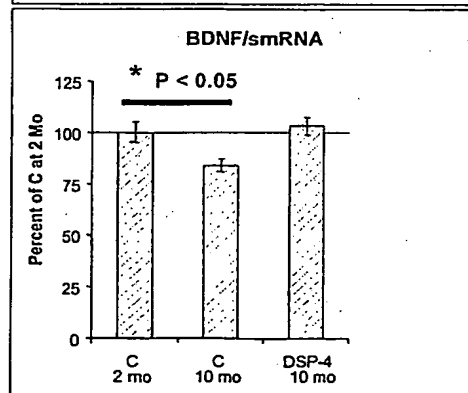


FIGURE 13D

6/7

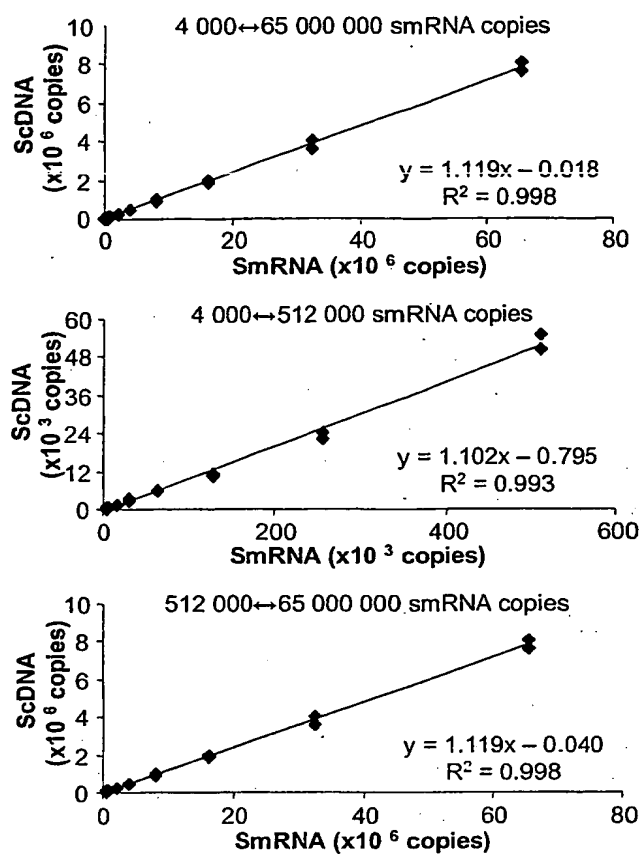


FIGURE 14

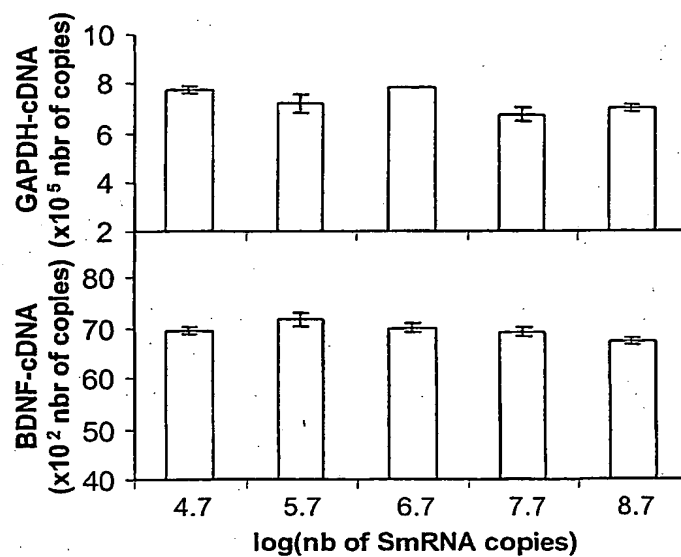


FIGURE 15

7/7

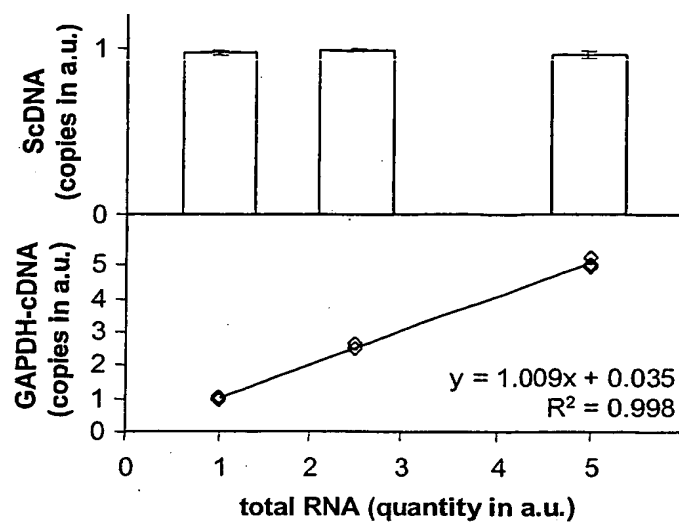


FIGURE 16

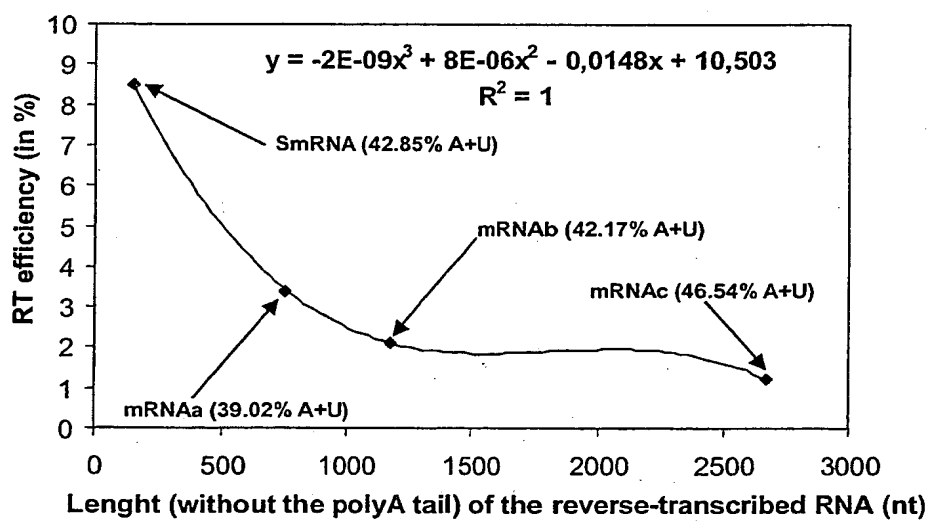


FIGURE 17